



Dealers Industrial Equipment

No.:

Date: 12-SEP-2016

DATA SHEET Three-phase induction motor - Squirrel cage rotor

Customer :
Product line : W22 High Efficiency

Frame : 182/4T
 Output : 1.5 HP
 Frequency : 60 Hz
 Poles : 8
 Full load speed : 865 rpm
 Slip : 3.89 %
 Voltage : 208-230/460 V
 Rated current : 6.02-5.44/2.72 A
 Locked rotor current : 25.6/12.8 A
 Locked rotor current (I_L/I_n) : 4.7
 No-load current : 3.40/1.70 A
 Full load torque : 8.98 lb.ft
 Locked rotor torque : 200 %
 Breakdown torque : 240 %
 Design : B
 Insulation class : F
 Temperature rise : 80 K
 Locked rotor time : 37 s (hot)
 Service factor : 1.25
 Duty cycle : S1
 Ambient temperature : -20°C - +40°C
 Altitude : 1000 m
 Degree of Protection : IP55
 Approximate weight : 95 lb
 Moment of inertia : 0.39178 sq.ft.lb
 Noise level : 50 dB(A)

	D.E.	N.D.E.
Bearings	6207 ZZ	6206 ZZ
Regreasing interval	---	---
Grease amount	---	---

Load	Power factor	Efficiency (%)
100%	0.66	77.0
75%	0.58	75.5
50%	0.44	74.0

Notes:
 Downloaded from <http://dealerselectric.com>
 Generated for Model #00159EP3E184T-W22

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